

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-208909

(43)Date of publication of application : 13.08.1996

(51)Int.Cl.

C08L 23/12
C08F 4/642
C08L 23/14
// C08F210/06
C08F210/16

(21)Application number : 07-260162

(71)Applicant : MITSUI PETROCHEM IND LTD

(22)Date of filing : 06.10.1995

(72)Inventor : TANIZAKI TATSUYA
HASHIMOTO MIKIO
SUGI MASAHIRO
TSUTSUI TOSHIYUKI

(30)Priority

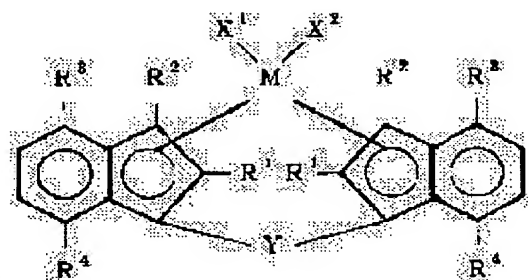
Priority number : 06302539 Priority date : 06.12.1994 Priority country : JP

(54) POLYPROPYLENE COMPOSITION

(57)Abstract:

PURPOSE: To obtain a composition excellent in flexibility, impact resistance and heat resistance by mixing a polypropylene with a propylene-1-butene or -ethylene elastomer produced by using a specified metallocene compound catalyst.

CONSTITUTION: This polypropylene composition comprises 5-95wt.% polypropylene A and 95-5wt.% base polypropylene elastomer B. Component B is an elastomer having a specified molecular structure in which the triad tacticity and stereoregularity of a propylene chain composed of head-to-tail bonds are high, and prepared by copolymerizing 50-95mol% propylene with 5-50mol% 1-butene or ethylene in the presence of a catalyst, e.g. a combination of a metallocene compound represented by the formula (wherein M is a group IVa, Va or VIa transition metal; R¹ and R² are each H, halogen, a hydrocarbon group or the like; R³ is a 3-20C alkyl or an aromatic group; R⁴ is H or a 1-20C alkyl; X¹ and X² are each H, a halogen, a 1-20C hydrocarbon or the like; and Y is a 1-20C hydrocarbon group or the like especially desirably an alkylsilylene or the like) with an organoaluminumoxy compound.



LEGAL STATUS

[Date of request for examination]

11.09.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3628772

[Date of registration]

17.12.2004

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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